

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073254.D
 Acq On : 29 Jun 2022 19:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/01/2022

Quant Time: Jun 30 07:02:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	244282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	437370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	404974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	188827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	193544	54.883	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.760%			
35) Dibromofluoromethane	7.951	113	152481	52.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.800%			
50) Toluene-d8	10.380	98	512747	49.613	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.220%			
62) 4-Bromofluorobenzene	12.669	95	207404	52.221	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	179564	50.278	ug/l	99
3) Chloromethane	2.269	50	164442	47.426	ug/l	98
4) Vinyl Chloride	2.404	62	144490	49.045	ug/l	97
5) Bromomethane	2.793	94	55170	39.648	ug/l	92
6) Chloroethane	2.963	64	91284	52.673	ug/l	100
7) Trichlorofluoromethane	3.316	101	253722	49.815	ug/l	97
8) Diethyl Ether	3.763	74	113286	54.639	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.146	101	140397	46.651	ug/l	98
10) Methyl Iodide	4.351	142	143163	39.708	ug/l	96
11) Tert butyl alcohol	5.293	59	249484	292.043	ug/l	100
12) 1,1-Dichloroethene	4.116	96	143892	50.038	ug/l	97
13) Acrolein	3.981	56	152032	281.563	ug/l	98
14) Allyl chloride	4.757	41	301909	49.836	ug/l #	93
15) Acrylonitrile	5.475	53	635689	289.065	ug/l	99
16) Acetone	4.222	43	582276	294.157	ug/l	94
17) Carbon Disulfide	4.457	76	371526	49.825	ug/l	100
18) Methyl Acetate	4.775	43	313222	56.465	ug/l #	90
19) Methyl tert-butyl Ether	5.534	73	588544	56.154	ug/l	99
20) Methylene Chloride	5.010	84	177312	50.970	ug/l	89
21) trans-1,2-Dichloroethene	5.510	96	153253	51.003	ug/l	99
22) Diisopropyl ether	6.410	45	630749	55.797	ug/l	93
23) Vinyl Acetate	6.351	43	2879602	284.515	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	316850	54.163	ug/l	97
25) 2-Butanone	7.257	43	918011	291.290	ug/l	92
26) 2,2-Dichloropropane	7.245	77	173191	32.011	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	188511	51.807	ug/l	99
28) Bromochloromethane	7.586	49	143717	58.660	ug/l	86
29) Tetrahydrofuran	7.610	42	616566	285.722	ug/l	88
30) Chloroform	7.745	83	312549	53.046	ug/l	100
31) Cyclohexane	8.022	56	260523	45.108	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	272702	51.936	ug/l	99
36) 1,1-Dichloropropene	8.145	75	215300	48.086	ug/l	98
37) Ethyl Acetate	7.339	43	371721	54.945	ug/l #	94
38) Carbon Tetrachloride	8.133	117	226034	48.817	ug/l	97
39) Methylcyclohexane	9.392	83	254413	45.640	ug/l	93
40) Benzene	8.392	78	689201	49.877	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	185932	56.669	ug/l #	83
42) 1,2-Dichloroethane	8.463	62	265322	52.969	ug/l	97
43) Isopropyl Acetate	8.492	43	539784	55.517	ug/l	93
44) Trichloroethene	9.151	130	169120	48.094	ug/l	96
45) 1,2-Dichloropropane	9.422	63	184266	52.319	ug/l	98
46) Dibromomethane	9.510	93	125607	52.525	ug/l	91
47) Bromodichloromethane	9.698	83	246198	53.156	ug/l	97
48) Methyl methacrylate	9.498	41	240305	53.379	ug/l	88
49) 1,4-Dioxane	9.504	88	94392	1104.494	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	1752227	284.183	ug/l	91
52) Toluene	10.439	92	423420	49.583	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	257111	50.426	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	275833	50.109	ug/l	92
55) 1,1,2-Trichloroethane	10.839	97	178580	50.796	ug/l	99
56) Ethyl methacrylate	10.698	69	313359	55.146	ug/l #	86
57) 1,3-Dichloropropane	10.986	76	310009	51.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	729399	287.821	ug/l	95
59) 2-Hexanone	11.022	43	1347830	286.770	ug/l	89
60) Dibromochloromethane	11.174	129	185652	55.388	ug/l	100
61) 1,2-Dibromoethane	11.280	107	188218	53.600	ug/l	100
64) Tetrachloroethene	10.916	164	147067	44.473	ug/l	96
65) Chlorobenzene	11.710	112	430370	46.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	167940	49.851	ug/l	99
67) Ethyl Benzene	11.780	91	791759	47.616	ug/l	99
68) m/p-Xylenes	11.892	106	601500	95.851	ug/l	95
69) o-Xylene	12.221	106	304573	47.543	ug/l	96
70) Styrene	12.233	104	495991	50.147	ug/l	98
71) Bromoform	12.398	173	135863	55.115	ug/l #	99
73) Isopropylbenzene	12.516	105	782948	48.016	ug/l	98
74) N-amyl acetate	12.327	43	433387	53.080	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	278351	51.442	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	241400m	48.892	ug/l	
77) Bromobenzene	12.798	156	181632	47.910	ug/l	88
78) n-propylbenzene	12.857	91	880340	48.598	ug/l	98
79) 2-Chlorotoluene	12.945	91	537106	46.848	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	648344	48.782	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	84699	47.045	ug/l	95
82) 4-Chlorotoluene	13.039	91	523830	47.194	ug/l	97
83) tert-Butylbenzene	13.263	119	571000	47.921	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	644275	48.553	ug/l	97
85) sec-Butylbenzene	13.439	105	793632	49.603	ug/l	98
86) p-Isopropyltoluene	13.557	119	633932	49.048	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	323041	47.497	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	317492	46.591	ug/l	98
89) n-Butylbenzene	13.880	91	517703	48.068	ug/l	99
90) Hexachloroethane	14.145	117	122588	50.894	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	334122	48.226	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	72449	55.088	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	178715	49.540	ug/l	97
94) Hexachlorobutadiene	15.298	225	74556	46.491	ug/l	98
95) Naphthalene	15.433	128	720743	49.525	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	184206	49.500	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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